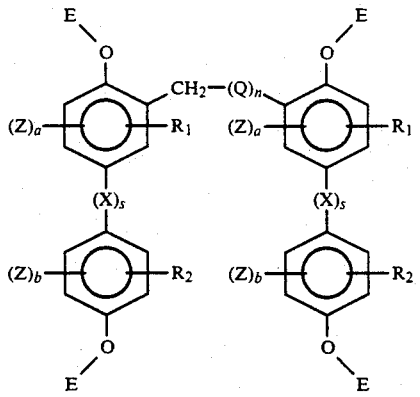
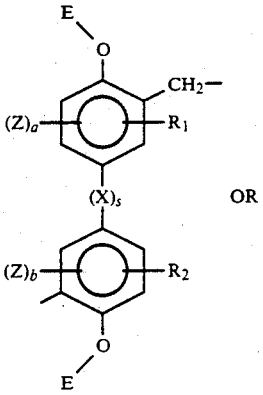
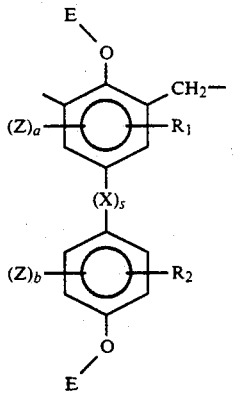


where the recurring unit Q has the structure,



OR



and

n is an integer from 1 to 10;

s is 1;

each X is $C(CF_3)_2$;

each R_1 and R_2 is independently selected from the group consisting of hydrogen, alkyl and alkoxy moieties containing 1 to 10 carbon atoms, phenyl and phenoxy;

a and b are independently 0 or integers from 1 to 4;

Z is Cl or Br;

E is selected from the group consisting of the vinylbenzyl moiety, alkyl moieties containing 1 to 10 carbon atoms, or benzyl, subject to the constraint that at least 50% of all E's are the vinylbenzyl moiety;

(b) irradiating the coated prepolymer of (a) through a masking pattern to selectively crosslink the portion of said coating being irradiated;

(c) selectively dissolving the non-irradiated part of the prepolymer coating of (a); and

(d) curing the crosslinked portion of the prepolymer coating by heating at a temperature in the range of 100° C. to 300° C. for a time sufficient to further crosslink said crosslinked coating and to transform the prepolymer to an infusible glassy solid.

2. The method of Claim **1** wherein R_1 and R_2 are hydrogen or alkyl With 1-10 carbon atoms.

3. The method of Claim **2** wherein R_1 and R_2 are hydrogen.

4. The method of Claim **2** wherein R_1 and R_2 are methyl or t-butyl moieties.

5. The method of Claim **1** wherein Z is Br and a and b are 1-4.

6. The method of Claim **1** wherein E is an alkyl moiety having 1-10 carbon atoms.

7. The method of Claim **6** wherein E is an alkyl moiety having 1-4 carbon atoms.

8. The method of Claim **1** wherein E is benzyl.

9. The method of Claim **1** wherein E is at least 70-100% vinyl benzyl moieties and the remaining E's are alkyl with 1-10 carbon atoms.

10. The method of Claim **9** wherein E is at least 95-100% vinyl benzyl moieties and the remaining E's are alkyl with 1-10 carbon atoms.

11. The method of Claim **1** wherein E is at least 70% vinyl benzyl moieties and the remaining E's are propyl groups.

12. The method of Claim **1** wherein n is an integer from 1 to 6.

13. The method of Claim **1** wherein the number average of n is about 3.

14. The method of Claim **1** wherein the coating of (a) is soft-baked before the irradiation of (b).

15. The method of Claim **1** wherein the coating of (a) includes a photosensitizer or photoinitiator.

16. The method of Claim **1** wherein the irradiation of (b) has a wavelength of 200 to 500 nm.

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